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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	09/512,954
Filing Date	February 25, 2000
First Named Inventor	Pablo Acosta-Serafini
Art Unit	2612
Examiner Name	Lin Ye
Attorney Docket Number	MIT8072

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ly	A	US- 4,797,562	01-10-1989	Dietrich	
ly	B	US- 5,021,888	06-04-1991	Kondou et al.	
ly	C	US- 5,097,305	03-17-1992	Mead et al.	
ly	D	US- 5,157,502	10-20-1992	Nakajima et al.	
ly	E	US- 5,233,428	08-03-1993	Alford et al.	
ly	F	US- 5,579,049	11-26-1996	Shimaya et al.	
ly	G	US- 4,706,123	11-10-1987	Chautemps	
ly	H	US- 5,117,292	05-26-1992	Matsunaga	
ly	I	US- 5,659,359	08-19-1997	Mochizuki et al.	
ly	J	US- 5,665,959	09-09-1997	Fossum et al.	
ly	K	US- 4,984,002	01-08-1991	Kokubo	
ly	L	US- 6,606,121	08-12-2003	Bohm et al.	
	M	US-			
	N	US-			
	O	US-			
	P	US-			
	Q	US-			
	R	US-			
	S	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁸
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
ly	T	WO 97/17800	05-15-199	California Inst. of Technology		
ly	U	WO 98/14002	04-02-1998	Bohm, Marcus		✓
	V					
	W					
	X					
	Y					

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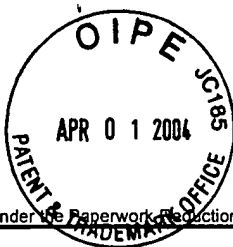
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				Art Unit	2612
				Examiner Name	Lin Ye
Sheet	2	of	3	Attorney Docket Number	MIT8072

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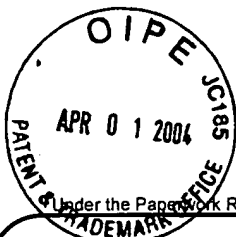
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
if	AA	WILSON et al., "Versatile Multi Mode 320x240/256x256 Hybrid InSb Infrared Focal Plane Array With Selectable Snapshot or Rolling Integration, SPIE Vol. 1762, "Infrared Technology XVIII," pp.401-405, 1992	
if	BB	VANGORDEN et al., "SiCam - A PC Compatible Digital Instrumentation Camera Incorporating A Large Pixel 512x512 Format Charge Injection Device (CID)," SPIE Vol. 1901, "Cameras, Scanners, and Image Acquisition Systems," pp. 83-98, 1993.	
if	CC	VELLACOTT, "CMOS in camera," IEE Review, pp. 111-114, May 1994.	
if	DD	WENTINK et al., "Charge injection device (CID) technology - a solution for photon and particle imaging applications," Nuclear Instruments and Methods in Physics Research A, Vol. 347, pp. 522-528, 1994.	
if	EE	CHEN et al., "Adaptive Sensitivity CCD Imager," SPIE Vol. 2415: "Charge-Coupled Devices and Solid State Optical Sensors V," pp. 303-309, February 1995.	
if	FF	SEITZ, "From Electronic Photography to Seeing Chips - The Future of Image Sensing" IEEE AT'95: "Advanced Technologies Intelligent Vision," pp. 3-9, Oct. 1995.	
if	GG	COLCHESTER et al., "Towards the Limits of Frame Transfer CCDs in Beam Instrumentation," AIP Conference Proceedings: "Beam Instrumentation," Seventh Workshop, pp. 215-222, May 1996.	
if	HH	ZARNOWSKI et al., "Scientific CMOS CID Imagers," SPIE Vol. 2654, pp. 29-37, 1996.	
if	II	CHEN et al., "An Adaptive Sensitivity TDI CCD Sensor," SPIE Vol. 2950, pp. 45-48, 1996.	
if	JJ	SHIMAMOTO et al., "A dynamic range expansion method for a CMD imager," SPIE Vol. 3019, pp. 249-255, 1997.	

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yy	KK	YADID-PECHT et al., "Wide Intrascene Dynamic Range CMOS APS Using Dual Sampling," IEEE Transactions on Electron Devices, Vol. 44, No. 10, pp. 1721-1723, Oct. 1997.	
yy	LL	YADID-PECHT et al., "CMOS Active Pixel Sensor Star Tracker with Regional Electronic Shutter," IEEE Journal of Solid-State Circuits, Vol. 32, No. 2, pp. 285-288, Feb. 1997.	
yy	MM	MCGRATH et al., "Current-Mediated, Current-Reset 768x512 Active Pixel Sensor Array," 1997 IEEE Int. Solid-State Circuits Conference, Session 11, Paper Fa 11.2, pp. 182-183, 1997.	
yy	NN	FISCHER et al., "A counting pixel readout chip for imaging applications," Nuclear Instruments and Methods in Physics Research A, Vol. 405, pp. 53-39, 1998.	
yy	OO	HOEKSTRA et al., "A memory read-out approach for a 0.5 micron CMOS image sensor," SPIE Vol. 3301, pp. 151-157, 1998.	
yy	PP	YADID-PECHT et al., "Wide-dynamic-range sensors," Optical Engineering, Vol. 38, No. 10, pp. 1650-1660, Oct. 1999.	
yy	QQ	YANG et al., "A 640x512 CMOS Image Sensor with Ultrawide Dynamic Range Floating-Point Pixel-Level ADC," IEEE Journal of Solid-State Circuits, Vol. 34, No. 12, pp. 1821-1834, Dec. 1999.	
i	RR		
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Examiner Signature		Date Considered	6/8/04
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